

=> s baxter international inc./as
L3 510 BAXTER INTERNATIONAL INC./AS
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=> s l3 and blood
 76467 BLOOD
L4 297 L3 AND BLOOD
=> s l4 and centrifuge
 17165 CENTRIFUGE
L5 50 L4 AND CENTRIFUGE
=> d 1-50

1. 5,527,472, Jun. 18, 1996, Closed systems and methods for removing undesired matter from **blood** cells; Marc Bellotti, et al., 210/767, 120, 194, 195.1, 252, 257.1, 258, 435, 446, 749, 806 [IMAGE AVAILABLE]
2. 5,525,218, Jun. 11, 1996, **Centrifuge** with separable bowl and spool elements providing access to the separation chamber; Warren P. Williamson, IV, et al., 210/232, 380.1, 512.1, 781; 422/72, 101; 494/41, 43, 45, 84 [IMAGE AVAILABLE]
3. 5,514,069, May 7, 1996, Stress-bearing umbilicus for a compact **centrifuge**; Richard I. Brown, et al., 494/18; 138/103, 111; 494/42 [IMAGE AVAILABLE]
4. 5,498,520, Mar. 12, 1996, Method for testing **blood** units for viral contamination; John R. Chapman, 435/5, 2, 6, 7.1, 91.2; 935/77, 78, 81 [IMAGE AVAILABLE]
5. D 367,534, Feb. 27, 1996, **Blood** processing machine; Paul M. DiPerna, et al., D24/169, 108, 111, 160 [IMAGE AVAILABLE]
6. 5,494,578, Feb. 27, 1996, Centrifugation pheresis system; Richard I. Brown, et al., 210/360.1, 369, 380.1, 381; 494/45; 604/4, 5, 6 [IMAGE AVAILABLE]
7. 5,484,239, Jan. 16, 1996, Peristaltic pump and valve assembly for fluid processing systems; Arthur S. Chapman, et al., 417/477.8 [IMAGE AVAILABLE]
8. 5,480,294, Jan. 2, 1996, Peristaltic pump module having jaws for gripping a peristaltic pump tube casset; Paul M. Di Perna, et al., 417/477.2; 604/155 [IMAGE AVAILABLE]
9. 5,462,417, Oct. 31, 1995, Peristaltic pump with linear pump roller positioning mechanism; Arthur S. Chapman, 417/477.7, 477.8 [IMAGE AVAILABLE]
10. 5,462,416, Oct. 31, 1995, Peristaltic pump tube cassette for **blood** processing systems; T. Michael Dennehey, et al., 417/477.2; 604/153 [IMAGE AVAILABLE]
11. 5,445,629, Aug. 29, 1995, **Blood** storage container and methods of using same; Jack Debrauwere, et al., 604/403, 87, 408, 416 [IMAGE AVAILABLE]
12. 5,445,506, Aug. 29, 1995, Self loading peristaltic pump tube cassette; Richard L. Afflerbaugh, et al., 417/477.2, 477.8 [IMAGE

AVAILABLE]

13. 5,427,695, Jun. 27, 1995, Systems and methods for on line collecting and resuspending cellular-rich **blood** products like platelet concentrate; Richard I. Brown, 210/805, 782, 787, 789, 806; 494/37; 604/4, 5 [IMAGE AVAILABLE]
14. 5,427,509, Jun. 27, 1995, Peristaltic pump tube cassette with angle pump tube connectors; Arthur S. Chapman, et al., 417/477.2; 604/153 [IMAGE AVAILABLE]
15. 5,424,208, Jun. 13, 1995, Method for isolating cells from tissue with a composition containing collagenase and chymopapain; Catherine T. Lee, et al., 435/268, 219, 240.2, 243, 267 [IMAGE AVAILABLE]
16. 5,422,261, Jun. 6, 1995, Composition containing collagenase and chymopapain for hydrolyzing connective tissue to isolate cells; Catherine T. Lee, et al., 435/219; 424/94.2, 94.65, 94.67; 435/212, 240.1 [IMAGE AVAILABLE]
17. 5,409,833, Apr. 25, 1995, Microvessel cell isolation apparatus; Can B. Hu, et al., 435/297.2; 422/101, 102, 104; 435/308.1; 494/36 [IMAGE AVAILABLE]
18. ~~5,370,802~~, Dec. 6, 1994, Enhanced yield platelet collection systems and methods; Richard I. Brown, 210/782, 194, 360.1, 361, 369, 787, 806; 494/37 [IMAGE AVAILABLE]
19. ~~5,362,291~~, Nov. 8, 1994, Centrifugal processing system with direct access drawer; Warren P. Williamson, IV, 494/18, 12 [IMAGE AVAILABLE]
20. 5,360,734, Nov. 1, 1994, Method for inactivating pathogens in erythrocytes using photoactive compounds and plasma protein reduction; John Chapman, et al., 435/238, 2 [IMAGE AVAILABLE]
21. ~~5,360,542~~, Nov. 1, 1994, **Centrifuge** with separable bowl and spool elements providing access to the separation chamber; Warren P. Williamson, IV, et al., 210/232, 380.1, 512.1, 781; 422/72; 494/45 [IMAGE AVAILABLE]
22. 5,322,620, Jun. 21, 1994, Centrifugation system having an interface detection surface; Richard I. Brown, et al., 210/85, 94, 109, 360.1, 361, 369; 494/10, 18; 604/6 [IMAGE AVAILABLE]
23. 5,316,667, May 31, 1994, Time based interface detection systems for **blood** processing apparatus; Richard L. Brown, et al., 210/85, 94, 103, 360.1, 380.1; 494/10 [IMAGE AVAILABLE]
24. 5,316,666, May 31, 1994, **Blood** processing systems with improved data transfer between stationary and rotating elements; Richard I. Brown, et al., 210/85, 94, 103, 360.1, 380.1; 250/231.18, 237G; 494/10 [IMAGE AVAILABLE]
25. 5,234,608, Aug. 10, 1993, Systems and methods for processing cellular rich suspensions; Daniel H. Duff, 210/806, 97, 143, 195.2, 195.3, 257.2, 297, 321.6, 645, 651, 739, 805 [IMAGE AVAILABLE]
26. 5,232,437, Aug. 3, 1993, Mobile, self-contained **blood** collection

system and method; Michael J. Lysaght, et al., 604/6, 210/90, 604/4, 5 [IMAGE AVAILABLE]

27. 5,224,921, Jul. 6, 1993, Small volume collection chamber; T. Michael Dennehey, et al., 494/18, 21, 37, 45 [IMAGE AVAILABLE]

28. 5,223,428, Jun. 29, 1993, Method for in vitro culture of mammalian cells; Sam Rose, 435/240.242, 70.1 [IMAGE AVAILABLE]

29. 5,217,427, Jun. 8, 1993, **Centrifuge** assembly; Herbert M. Cullis, 494/45, 18 [IMAGE AVAILABLE]

30. ~~5,217,426~~, Jun. 8, 1993, Combination disposable plastic **blood** receiving container and **blood** component **centrifuge**; David V. Bacehowksi, et al., 494/45, 18 [IMAGE AVAILABLE]

31. 5,204,451, Apr. 20, 1993, Activating hydroxyl groups of polymeric carriers using 4-fluorobenzenesulfonyl chloride for binding biologically active ligands; Yu-An Chang, 530/413; 435/178, 179, 180, 243, 803; 436/529, 530, 531, 824; 530/813, 814, 815 [IMAGE AVAILABLE]

32. 5,177,194, Jan. 5, 1993, Process for purifying immune serum globulins; Maria E. Sarno, et al., 530/390.1; 424/176.1, 177.1; 530/386, 387.1, 388.1, 389.1, 390.5, 412, 414, 416, 418, 419, 420, 421 [IMAGE AVAILABLE]

33. 5,171,456, Dec. 15, 1992, Automated **blood** component separation procedure and apparatus promoting different functional characteristics in multiple **blood** components; Yean Yow Hwang, et al., 210/782, 85, 143, 195.1, 206, 257.1, 257.2, 295, 297, 321.68, 335, 767, 805, 806 [IMAGE AVAILABLE]

34. 5,135,667, Aug. 4, 1992, Method and apparatus for administration of anticoagulant to red cell suspension output of a **blood** separator; Donald W. Schoendorfer, 210/782, 85, 143, 195.1, 206, 257.1, 257.2, 295, 297, 321.68, 335, 767, 805, 806 [IMAGE AVAILABLE]

35. 5,104,526, Apr. 14, 1992, Centrifugation system having an interface detection system; Richard I. Brown, et al., 210/94, 103, 109, 110, 361, 369, 380.1; 494/3, 18, 45; 604/6 [IMAGE AVAILABLE]

36. 5,078,671, Jan. 7, 1992, Centrifugal fluid processing system and method; T. Michael Dennehey, et al., 494/27, 37, 45 [IMAGE AVAILABLE]

37. 5,076,911, Dec. 31, 1991, Centrifugation chamber having an interface detection surface; Richard J. Brown, et al., 210/94, 109, 361, 369, 380.1, 745, 782; 494/3, 10, 45; 604/6 [IMAGE AVAILABLE]

38. 5,006,103, Apr. 9, 1991, Disposable container for a **centrifuge**; David V. Bacehowksi, et al., 494/45; 220/403; 383/127 [IMAGE AVAILABLE]

39. 4,940,543, Jul. 10, 1990, Plasma collection set; Richard I. Brown, et al., 210/369, 380.1; 494/10, 18, 45 [IMAGE AVAILABLE]

40. 4,936,820, Jun. 26, 1990, High volume centrifugal fluid processing system and method for cultured cell suspensions and the like; T. Michael Dennehey, et al., 494/1, 10, 18, 37, 42, 45 [IMAGE AVAILABLE]

41. 4,934,995, Jun. 19, 1990, **Blood** component **centrifuge** having collapsible inner liner; Herbert M. Cullis, 494/45, 18 [IMAGE AVAILABLE]
42. 4,917,804, Apr. 17, 1990, Method and vessel for separation of cryoglobulin; Stephen H. Franks, et al., 210/737, 321.6, 472, 515, 539, 782, 789; 422/101, 102; 494/37; 530/380, 383, 830; 604/410 [IMAGE AVAILABLE]
43. 4,915,847, Apr. 10, 1990, Cryoglobulin separation; David M. Dillon, et al., 210/737, 321.6, 472, 515, 539, 782, 789; 422/101, 102; 424/530; 494/37; 530/380, 383, 830; 604/410 [IMAGE AVAILABLE]
44. 4,911,703, Mar. 27, 1990, Mobile, self-contained **blood** collection system and method; Michael J. Lysaght, et al., 604/6, 28 [IMAGE AVAILABLE]
45. 4,876,066, Oct. 24, 1989, Integrated membrane oxygenator, heat exchanger and reservoir; Richard L. Bringham, et al., 422/46; 128/DIG.3; 210/321.79; 422/48 [IMAGE AVAILABLE]
46. 4,869,812, Sep. 26, 1989, Disposable diagnostic plasma filter dispenser; Donald W. Schoendorfer, et al., 210/321.63, 321.87, 406, 413, 455, 497.01, 514; 422/101 [IMAGE AVAILABLE]
47. 4,842,576, Jun. 27, 1989, System for generating substantially constant fluid pressure; Michael J. Lysaght, et al., 604/6; 222/101; 604/131, 134 [IMAGE AVAILABLE]
48. 4,834,890, May 30, 1989, Centrifugation pheresis system; Richard I. Brown, et al., 210/739, 94, 103, 110, 369, 380.1, 782, 789; 494/18, 45; 604/6 [IMAGE AVAILABLE]
49. 4,807,676, Feb. 28, 1989, Fluid transfer workstation; David E. Cerny, et al., 141/98, 83; 210/96.1; 604/6 [IMAGE AVAILABLE]
50. 4,806,252, Feb. 21, 1989, Plasma collection set and method; Richard I. Brown, et al., 210/744, 114, 371, 745, 787, 789; 494/10, 18, 37, 45

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=> s 18 and blood
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L9 97 L8 AND BLOOD
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 17165 CENTRIFUGE
L10 21 L9 AND CENTRIFUGE
=> d 1-21

1. 5,520,218, May 28, 1996, Medical tubing set for the use with an improved radio frequency tubing sealer; Dennis J. Hlavinka, et al., 138/89, 104, 137, 178; 156/272.2; 219/769 [IMAGE AVAILABLE]

2. 5,496,265, Mar. 5, 1996, **Blood** component collection system with optimizer; Robert W. Langley, et al., 604/5; 210/143, 645, 739; 604/4 [IMAGE AVAILABLE]

3. 5,447,863, Sep. 5, 1995, Method for purifying islets of langerhans; Robert W. Langley, 435/268, 803 [IMAGE AVAILABLE]

4. 5,437,624, Aug. 1, 1995, Single needle recirculation system for harvesting **blood** components; Robert W. Langley, 604/4; 210/645, 739, 787 [IMAGE AVAILABLE]

5. 5,437,598, Aug. 1, 1995, Automation of plasma sequestration; G. Delbert Antwiler, 494/1, 10; 604/6 [IMAGE AVAILABLE]

6. 5,421,812, Jun. 6, 1995, Method and apparatus for controlling concentrations in tubing system; Robert W. Langley, et al., 604/4; 210/87, 96.1, 645, 739; 604/65, 67 [IMAGE AVAILABLE]

7. 5,368,542, Nov. 29, 1994, Apparatus and method for separating microscopic units in a substantially continuous density gradient solution; John D. McMannis, et al., 494/45, 35 [IMAGE AVAILABLE]

8. 5,352,371, Oct. 4, 1994, Method and apparatus for repeatedly passing a fluid through a fluid treatment unit; Thomas J. Felt, 210/787, 252, 418, 782 [IMAGE AVAILABLE]

9. 5,345,070, Sep. 6, 1994, Radio frequency tubing sealer; Dennis J. Hlavinka, et al., 219/769; 156/273.7, 380.3; 219/777 [IMAGE AVAILABLE]

10. 5,312,319, May 17, 1994, **Centrifuge** having a single swing arm for retaining a stator tube; James R. Salter, 494/12; 269/45, 66, 268, 270; 494/41 [IMAGE AVAILABLE]

11. 5,273,904, Dec. 28, 1993, Apparatus for purifying islets of Langerhans; Robert W. Langley, 435/283.1; 210/513, 800; 435/308.1 [IMAGE AVAILABLE]

12. 5,141,486, Aug. 25, 1992, Washing cells; Glen D. Antwiler, 494/37, 27, 35 [IMAGE AVAILABLE]

13. D 314,824, Feb. 19, 1991, **Blood** **centrifuge** or the like; Charles G. Moon, D24/219, 169 [IMAGE AVAILABLE]

14. 4,978,446, Dec. 18, 1990, Sterile **blood** component collection; Donn D. Lobdell, 210/206, 295, 321.6, 446; 494/36; 604/406, 408 [IMAGE AVAILABLE]

(15) 4,900,298, Feb. 13, 1990, **Centrifuge** drive and support assembly; Robert W. Langley, 494/82, 46, 84 [IMAGE AVAILABLE]

16. 4,897,185, Jan. 30, 1990, Cell processing apparatus and method; Robert J. Schuyler, et al., 210/90, 132, 254, 257.2, 258, 259, 297, 314, 360.1, 416.1, 433.1; 494/36; 604/5 [IMAGE AVAILABLE]

(17) 4,850,995, Jul. 25, 1989, Centrifugal separation of **blood**; Thomas K. Tie, et al., 604/6; 494/37 [IMAGE AVAILABLE]

18. 4,810,090, Mar. 7, 1989, Method and apparatus for monitoring **blood** components; Terry D. Boucher, et al., 356/39; 250/576; 356/73, 410 [IMAGE AVAILABLE]

19. 4,795,314, Jan. 3, 1989, Condition responsive pump control utilizing integrated, commanded, and sensed flowrate signals; John R. Prybella, et al., 417/43, 45; 494/1; 604/6 [IMAGE AVAILABLE]

20. 4,708,712, Nov. 24, 1987, Continuous-loop centrifugal separator; Alfred P. Mulzet, 494/45, 81 [IMAGE AVAILABLE]

21. 4,647,279, Mar. 3, 1987, Centrifugal separator; Alfred P. Mulzet, et al., 494/45, 35 [IMAGE AVAILABLE]

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1. 4,824,339, Apr. 25, 1989, Peristaltic pump cartridge; **Marlene A.
Bainbridge**, et al., 417/477.2 [IMAGE AVAILABLE]

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=> s holmes, brian m./in
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① 4,810,090, Mar. 7, 1989, Method and apparatus for monitoring blood components; Terry D. Boucher, et al., 356/39; 250/576; 356/73, 410 [IMAGE AVAILABLE]

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=> s kappus, john j./in
L32 1 KAPPUS, JOHN J./IN
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1. 5,263,831, Nov. 23, 1993, Peristaltic pump; **John J. Kappus**,
417/477.7 [IMAGE AVAILABLE]

=> s brierton, mark j./in
L33 1 BRIERTON, MARK J./IN
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①. 5,356,365, Oct. 18, 1994, Temperature controlled centrifuge; **Mark
J. Brierton**, 494/14, 29, 45, 50 [IMAGE AVAILABLE]
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=> s brierton, mark j./in
L33 1 BRIERTON, MARK J./IN
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~~✓~~ 5,356,365, Oct. 18, 1994, Temperature controlled centrifuge; **Mark J. Brierton**, 494/14, 29, 45, 50 [IMAGE AVAILABLE]

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L34 5 SHOULDICE, DAVID R./IN
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(1) 4,897,184, Jan. 30, 1990, Fluid flow apparatus control and monitoring; **David R. Shouldice**, et al., 210/87, 90, 96.2, 143 [IMAGE AVAILABLE]

(2) 4,857,181, Aug. 15, 1989, Control of cleaning of dialysate preparation apparatus; **David R. Shouldice**, et al., 210/87; 134/166C, 171; 210/321.69 [IMAGE AVAILABLE]

(3) 4,814,073, Mar. 21, 1989, Dialysate preparation apparatus with improved control; **David R. Shouldice**, 210/85, 96.2, 321.69, 321.71 [IMAGE AVAILABLE]

(4) 4,769,151, Sep. 6, 1988, Heater control for liquid flowing through a chamber; **David R. Shouldice**, 210/646, 181 [IMAGE AVAILABLE]

(5) 4,715,398, Dec. 29, 1987, Liquid level control; **David R. Shouldice**, et al., 137/171; 55/219; 95/168, 193; 137/386, 624.15